

ANDERSEN *Windowalls*



A. I. A. File No.
161

Season

ANDERSEN CASEMENT WOOD WINDOW UNITS

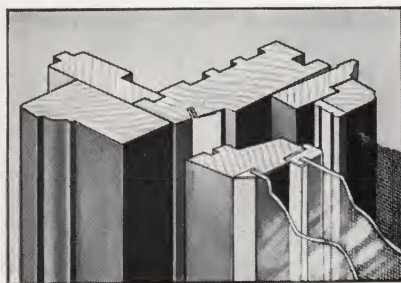
OUTSWINGING CASEMENT UNIT ANSWERS EVERY REQUIREMENT

The Andersen Casement Unit is an improved casement window that successfully combines the advantages of weathertight wood construction with the beauty of contemporary narrow line design.

Effective weatherstripping, double glazing, and leakproof frame construction provide exceptional window insulation. This engineered window is convenient and easy to operate, exceedingly weathertight, simple in construction and easy to install, well proportioned and unusually attractive in appearance.

THE COMPLETE UNIT INCLUDES:

FRAME • INSIDE STOPS • MULLION CASINGS • GLAZED SASH • WEATHERSTRIPPING • COMPLETE HARDWARE AND INSIDE SCREEN FOR VENTILATING SASH • DOUBLE GLAZING (optional). For additional specifications see page 7.



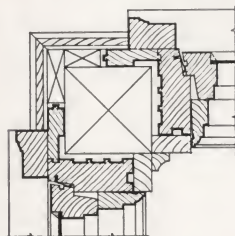
Section through jamb at left shows location of compression weatherstrip, removable double glazing on inside of sash, and inside screen. Frame and sash are made of selected clear Western Pine treated with Andersen Chemical Preservative in accordance with highest industry standards.

ENGINEERED FOR EFFICIENT SERVICE

Note the special outswinging sash construction with two point "refrigerator door" contacts and a full $\frac{1}{8}$ " clearance between sash and frame. Sash cannot stick or bind. They remain true and square because of extra thickness, a full 2", and strongly reinforced corner joints. Tightness is insured by compression weatherstrips, yet sash always operate freely and easily. The ejecting sash lock releases the sash from weatherstrip contacts and will easily break paint bind. When closed it holds sash tightly shut and insures full weatherstrip contacts. Works independently of screen.

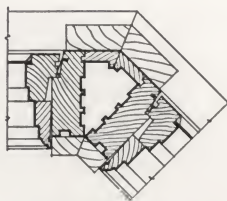
Extension hinges permit easy washing of outside glass from the inside. Roto-gear under-screen sash operator adjusts and automatically holds sash in any open position. Wood frame inside screen furnished with fasteners attached. Double glazing panel (storm sash) has aluminum frame and metal weatherstrip seal.

CORNER WINDOW DETAIL— $\frac{1}{8}$ scale

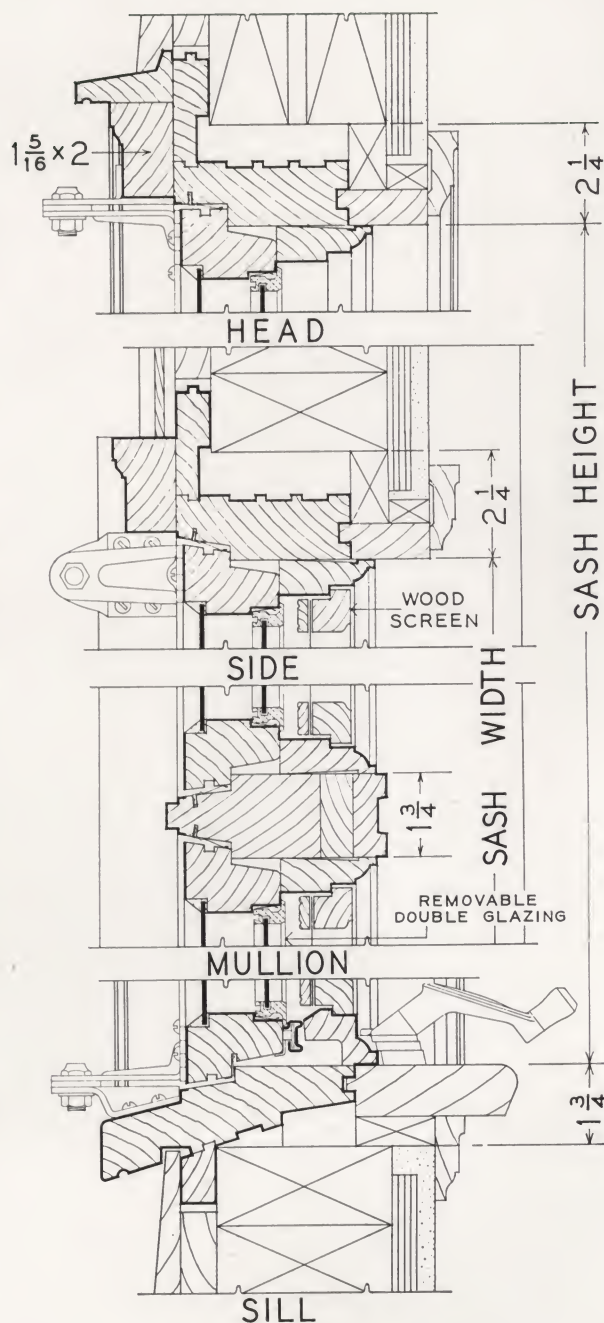


Angle iron or steel column can be used in place of 2x4's. Sash may be either swinging or stationary.

ANGLE BAY DETAIL— $\frac{1}{8}$ scale



Section through angle mullion made from standard units. Specify long sill horn for mitering. Exterior casings not furnished by Andersen.

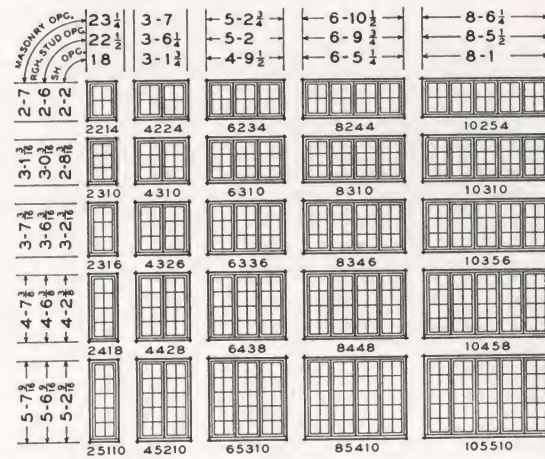
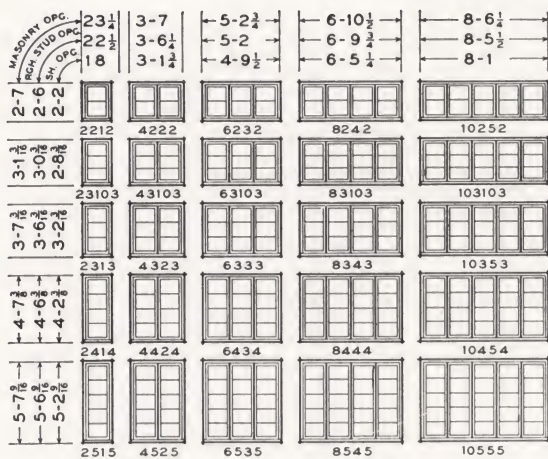


Scale—Three Inches Equal One Foot.

C-10—Installation of standard unit in frame wall. Note reversible windbreaks for either $\frac{3}{4}$ or $\frac{1}{2}$ inch sheathing. Plaster reveal inside finish can be used in place of extension jambs and casing trim. See details on opposite page. The same standard unit is used in all types of wall construction. Additional installation details furnished on request. Extension jambs and other trim members should be ordered separately to conform to individual requirements.

ANDERSEN CASEMENT WOOD WINDOW UNITS

STANDARD UNITS



Stock units as shown above with horizontal lights (left) and divided lights (right) are glazed with SSA glass.

All cut up lights have 8"x12" glass, and horizontal bar sash have 16 1/4"x12" glass, except the 2'8 3/16" high sash which have 10" high lights.

ONE LIGHT GLAZING—Sash are also furnished without bars for one light glazing, either glazed at the factory

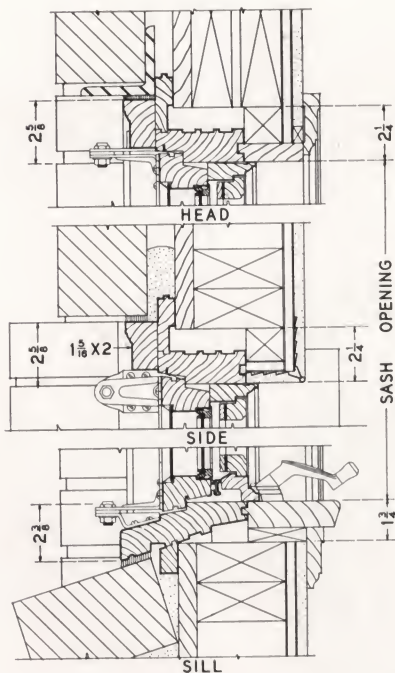
with DSA glass or furnished open for glazing by others. Sash will take any type of glass up to 1/8" thick.

Sash may be swinging or stationary. Specify number of swinging sash in each unit and how hinged as viewed from outside.

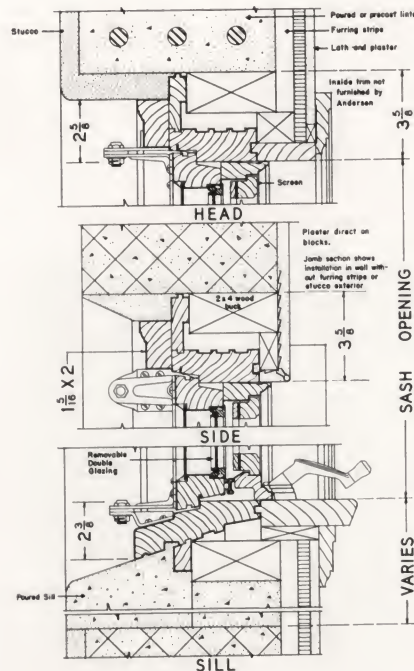
Sash opening widths shown above are from jamb to jamb and include the 1 3/4" mullion posts for multiple openings.

INSTALLATION DETAILS

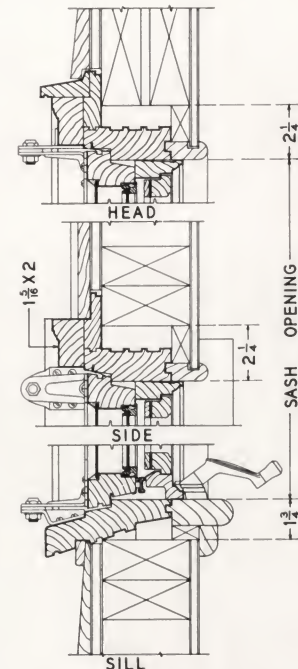
SCALE 1 1/2" = 1'0"



C-21—Standard unit in brick veneer wall with windbreaks on top of sheathing. Either casing trim, as shown in head section, or plaster reveal (see jamb section) may be used with same basic frame detail.



C-40—Standard unit in block wall. Head and sill sections show stucco exterior finish and lath and plaster on furring strips for the inside wall. Side section shows plaster direct on masonry for inside wall finish.



C-11—Standard unit in dry wall construction with windbreaks reversed to set flush with 1/2 inch sheathing. Note suggestion for inside trim. For lath and plaster finish see detail on page 2.

ANDERSEN CASEMENT WOOD WINDOW UNITS

CASEMENT PICTURE WINDOW UNITS

Andersen Casement Picture Window Units offer the important advantage of adequate ventilation in combination with a view framing single light "picture" sash.

The stationary picture window sash is designed for any type of glazing, including Thermopane or Twindow one inch thick. *This sash is furnished without glass or double glazing by Andersen.*

Standard units are furnished for the ventilating side openings. These sash are made for the regular removable double glass panel and cannot be glazed with Thermopane or Twindow. Standard multiple sash openings can be used at the sides in place of the single units as shown.

Frame members for Picture Window Units are the same as those furnished for standard multiple units except that mullion posts are omitted for the picture window opening.

The Picture Window opening, including frame and open sash, can be furnished separately for bay windows in combination with ventilating units at the sides, also with ventilating sash on one side only for corner windows or multiple units.

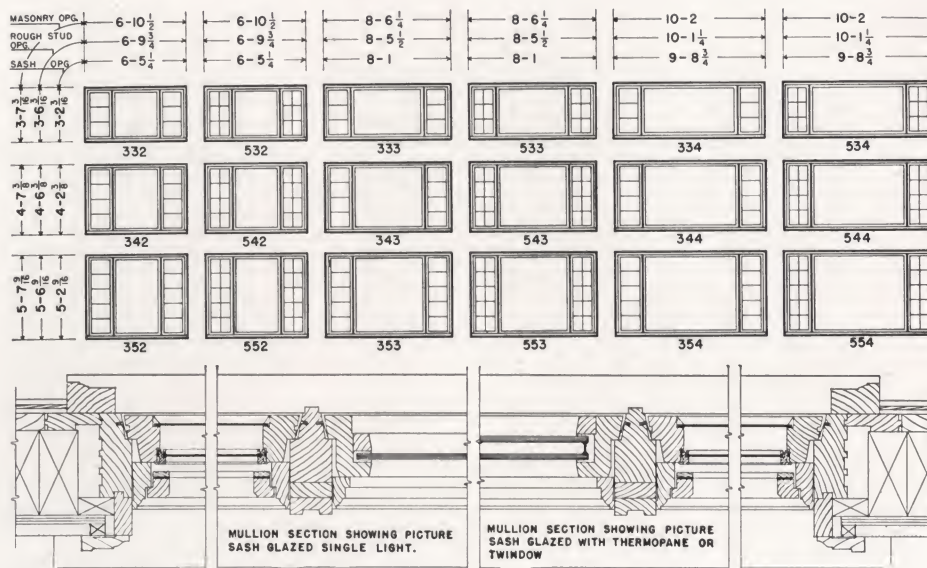


TABLE OF SIZES FOR PICTURE SASH

UNIT NO.	SASH OPENING	GLASS RABBET	EXACT GLASS SIZE FOR	
			THERMOPANE OR TWINDOW	¼ INCH PLATE
332-532	3-1 ¾ x 3-2 ⅞	36 ⅞ x 36 ½	35 ½ x 36	35 ⅞ x 36 ¼
333-533	4-9 ½ x 3-2 ⅞	55 ⅞ x 36 ½	55 ¼ x 36	55 ⅞ x 36 ¼
334-534	6-5 ¼ x 3-2 ⅞	75 ⅞ x 36 ½	75 x 36	75 ⅞ x 35 ¼
342-542	3-1 ¾ x 4-2 ⅞	36 ⅞ x 48 ⅞	35 ½ x 48 ⅞	35 ⅞ x 48 ½
343-543	4-9 ½ x 4-2 ⅞	55 ⅞ x 48 ⅞	55 ¼ x 48 ⅞	55 ⅞ x 48 ½
344-544	6-5 ¼ x 4-2 ⅞	75 ⅞ x 48 ⅞	75 x 48 ⅞	75 ⅞ x 48 ½
352-552	3-1 ¾ x 5-2 ⅞	36 ⅞ x 60 ⅞	35 ½ x 60 ⅞	35 ⅞ x 60 ⅞
353-553	4-9 ½ x 5-2 ⅞	55 ⅞ x 60 ⅞	55 ¼ x 60 ⅞	55 ⅞ x 60 ⅞
354-554	6-5 ¼ x 5-2 ⅞	75 ⅞ x 60 ⅞	75 x 60 ⅞	75 ⅞ x 60 ⅞



Casement Picture Window Unit No. 333 with 2 ventilating sash each side of picture opening. Overall sash opening 11'4 ½" x 3'2-3/16". Rough studding opening 11'9" x 3'6-3/16". Ventilating sash also furnished with ONE LIGHT GLAZING.

ANDERSEN GLIDING WOOD WINDOW UNITS



FOR MODERN WINDOWALLS

The Andersen Gliding Window Unit was first introduced in 1940 and has since been successfully used on thousands of installations in all parts of the country. Its horizontal sliding action permits larger sizes than are practical in other types of ventilating windows that operate vertically or swing on hinges. Attractive design, easy installation, simple operation, weather-tightness, adequate window insulation and wide opening sizes are some of the superior features that make this modern residential window the ideal WINDOWALL.

The schedule of stock sizes and layouts has been changed and further standardized to meet modular construction requirements and to include one light glazing. The frame has been redesigned with heavier jambs and narrower overall jamb width for greater installation flexibility. Certain mechanical improvements have also been made including more efficient weatherstripping and a new KYS-RTE plastic sill track.

THE COMPLETE UNIT INCLUDES:

- **Frame**—New design, requires no separate inside stops and includes head track routed in head jamb.
- **Sash**— $1\frac{1}{2}$ " thick, grade A glass, bedded and glazed with elastic glazing compound, hardware installed.
- **Weatherstripping**—Andersen Silver Seal, completely installed.
- **Screen**—(optional).
- **Removable Double Glazing**—(optional)
- **Complete Hardware and Operating Equipment**

All wood parts selected Western Pine treated with Andersen Chemical Preservative. See page 7 for additional specifications.

SUPERIOR OPERATING SIMPLICITY



Sash Opens Like This



Sash Comes Out Like This



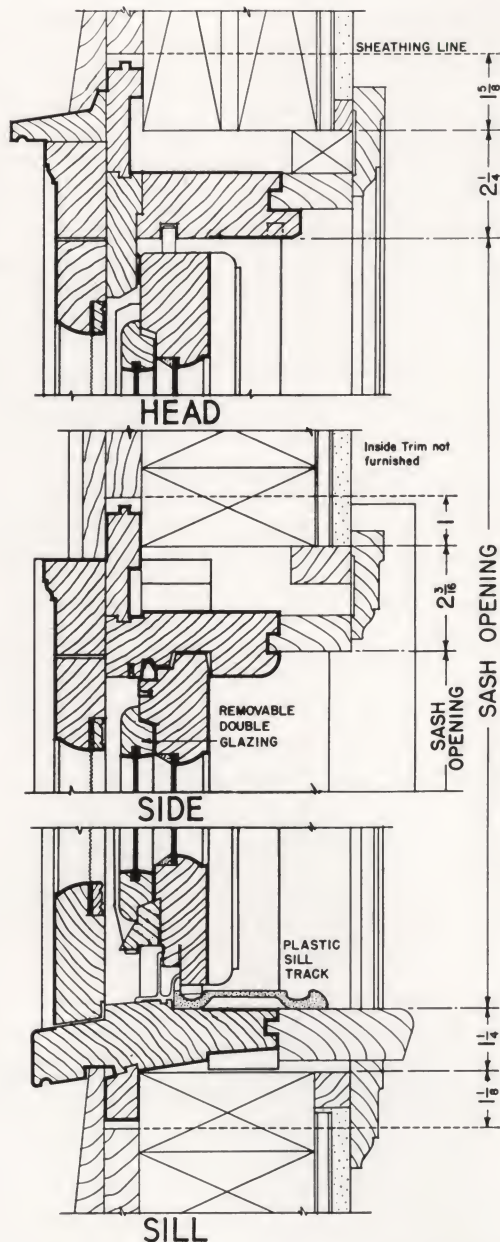
Double Glazing Easily Removed

Closed: the sash are in line in the same plane like a casement window. Open: the right hand sash glides into an inner track so that the sash can pass each other. Sash are instantly removable without tools. Removable double glazing panels are fastened on outside face of sash. Easily removed for cleaning inside the room. Operating equipment is simple, positive, dependable.

A combination porch-living room Windowalled with Andersen Gliding Window Units. Illustration shows four Units No. 5864. For corner and mullion details, see page 7.

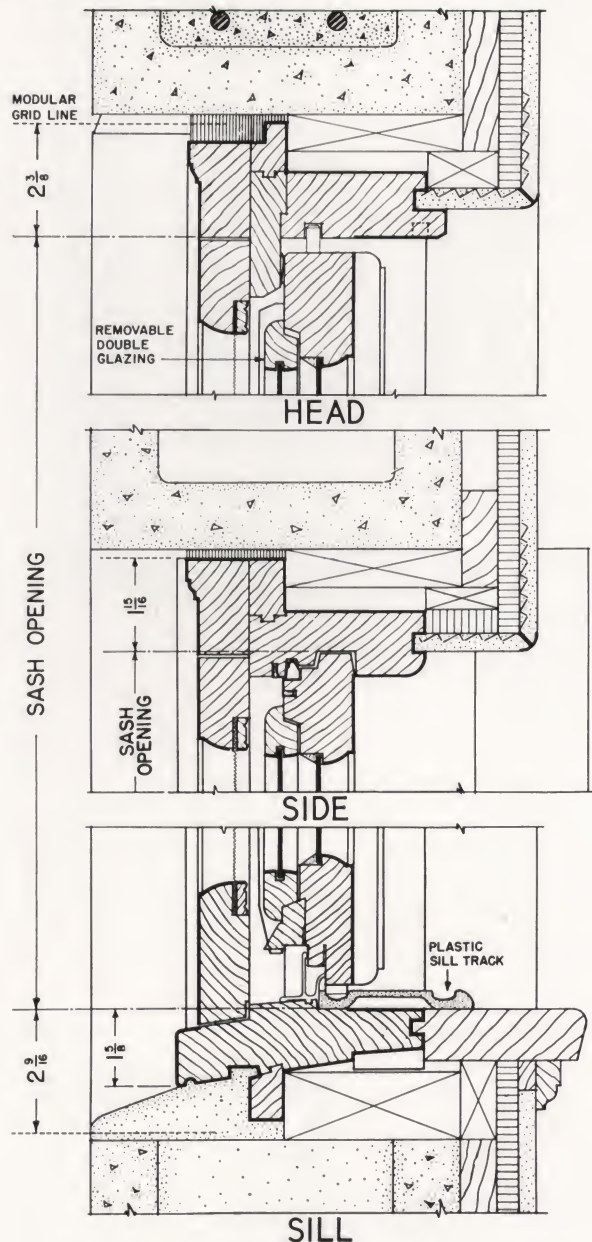


INSTALLATION DETAILS
SCALE 3" = 1'0"



G-10—Standard unit in frame wall with lath and plaster inside finish. Detail shows reversible windbreak in correct position for $\frac{3}{4}$ inch sheathing. Windbreak is reversed for $\frac{1}{2}$ inch sheathing. Extension jambs and other trim members should be ordered separately to conform to individual requirements. For plaster reveal use detail at right. Installation is similar with stucco or brick veneer outside finish or dry wall inside.

NOTE Frames should be assembled and installed according to Andersen instructions. Special care should be taken to see that they are plumb and square in the opening and securely blocked. Any wedging, blocking or packing of insulation that might cause inward bowing of jambs and sill should be avoided.



G-40—Standard unit in modular block wall. Note use of wood bucks anchored to block opening as recommended for all Andersen Window Units in masonry walls. The wood bucks in this detail are $\frac{3}{4}$ inch thick (at side and head). This method permits installation of assembled window unit after completion of masonry wall. For wood casing trim, use extension jambs as in detail at left. Windbreaks are ripped down as shown.

ANDERSEN GLIDING WOOD WINDOW UNITS

MODULAR SIZES

Sizes conform to the modular standards for masonry openings and glass lights are cut accordingly in order to maintain the 4 inch module. Masonry openings shown on the table of sizes are exact overall unit dimensions. Widths are measured from back of brick mouldings and heights from top of brick moulding to bottom edge of sill. The masonry opening height dimensions are less than the modular opening to allow for the lintel and the slope of the masonry sill.

Sash are made with horizontal lights glazed SSA and single lights glazed DSA. Rectangular cut-up lights have been discontinued in the Gliding Window Unit. Special sizes and layouts cannot be furnished.

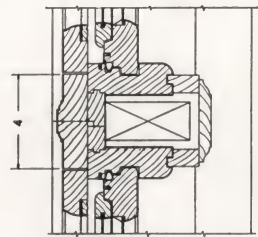
MULTIPLE OPENINGS

All openings shown are single units having two sash that slide past each other and are in the same plane when closed.

Multiple openings are formed by joining single units with side casings back to back and sill horns butt jointed to form 4 inch modular mullions. To arrive at overall masonry opening width for multiple openings using 4 inch modular mullions, add masonry opening widths shown for single units. For rough stud opening add $\frac{1}{2}$ inch to overall masonry opening.

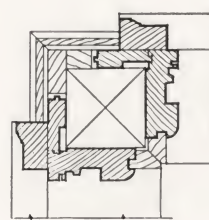
ADAPTATION DETAILS

SCALE $1\frac{1}{2}" = 1'0"$



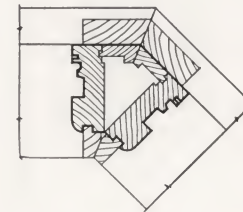
MULLION

Mullions are made by joining single units. Detail shows typical modular 4 inch mullion made by placing two standard single units together with sill horns butt jointed and regular 2 inch casings back to back.



CORNER

Detail shows corner construction with standard two inch sill horns and casing. Long sill horns can be furnished for special corner casings. This detail provides room for a double 2x4 support.



ANGLE BAY

Detail shows 45° angle bay mullion using standard units with long sill horns and special outside casings (not furnished by Andersen). See complete side section detail on opposite page.

MASONRY OPG.	3-8	4-8	5-8
ROUGH STUD OPG.	3-8 $\frac{1}{2}$	4-8 $\frac{1}{2}$	5-8 $\frac{1}{2}$
SASH OPENING	3-4 $\frac{1}{8}$	4-4 $\frac{1}{8}$	5-4 $\frac{1}{8}$
SIZE OF EACH LT. OF GLASS	16"	22"	28"
	3838	4838	5838
	3844	4844	5844
	3850	4850	5850
		4858	5858
			5864
	38038	48038	58038
	38044	48044	58044
	38050	48050	58050
		48058	58058
			58064

ANDERSEN PRESSURE SEAL DOUBLE HUNG WINDOW UNITS

A BRAND NEW IDEA IN DOUBLE HUNG WINDOW UNITS

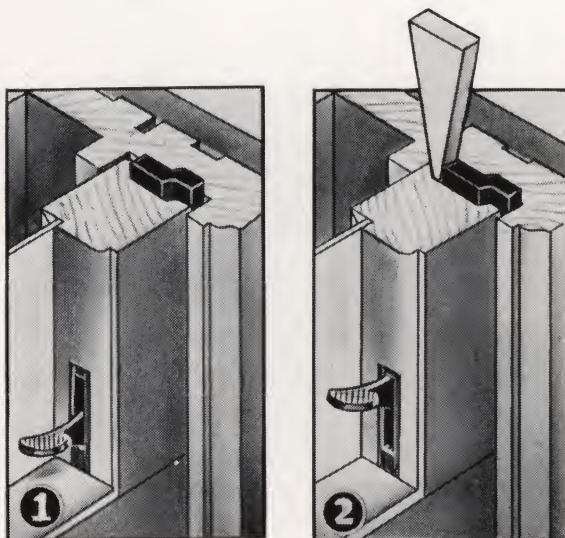
The Andersen Pressure Seal Double Hung Window Unit is new—the newest idea in window manufacturing.

But the basic principle of operation—the invisible pressure strips that make the window weathertight, that permit floating sash action, and that make possible the easy removal of both sash—the wedge-like action principle is seven years old.

FREE FLOATING ACTION—You have never seen a double hung window so easy to operate. When the thumb levers are depressed, the sash float freely in the sash runs. There is no friction against weatherstrips or painted surfaces to make sash stubborn and difficult to move. When the levers are not depressed, sash are held firmly at any open position.

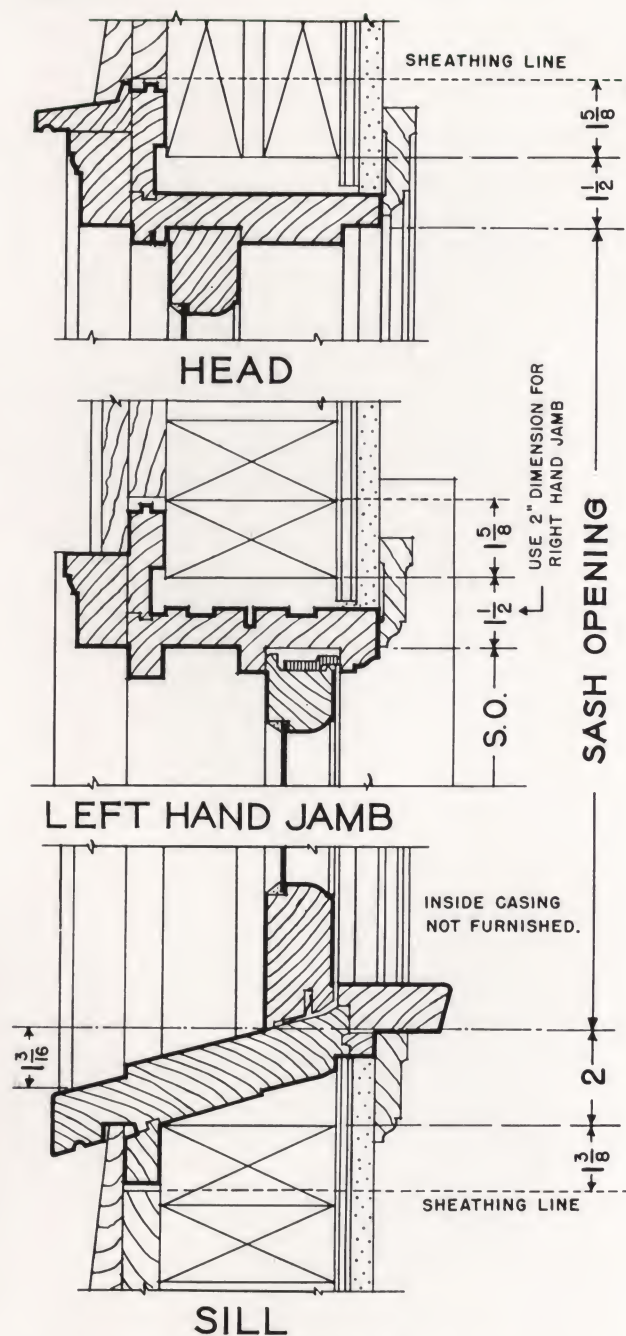
SASH ARE REMOVABLE INSTANTLY—Just lift out the sash—no tools are needed—and it takes only seconds. Sash are not hung on weights and chains or connected to springs or balances.

The Complete Unit includes: FRAME—SASH GLAZED SSB—WEATHERSTRIPPING—SPECIAL PINE STOOL—INSIDE STOPS—OPERATING MECHANISM INSTALLED IN SASH.



Section of lower sash showing thumb lever down. Wedge action is released and pressure strip is retracted into sash stile. This completely frees sash from all contact with sash run and permits free floating action operation. Also allows easy sash removal.

Section of lower sash showing thumb lever up. The pressure strip pushes against inside stop and wedges sash firmly against parting stop, which seals vertical crack when sash are closed and holds sash firmly in any open position.








P-10—Installation in standard frame wall with reversible wind-breaks (extension blind stops) in proper position for $\frac{3}{4}$ " sheathing. Position is reversed for $\frac{1}{2}$ " sheathing.

QUICK AND EASY INSTALLATION

Installation is exceedingly simple. The factory equipped sash are merely slipped in place after the frame is installed in the opening. Painting is easier and cheaper due to sash removability. The moulded inside stops on the side jambs simplify trimming out. A fitted stool is included and only a simple casing or small band moulding is required to complete the job. See details on opposite page.

ANDERSEN PRESSURE SEAL DOUBLE HUNG WINDOW UNITS

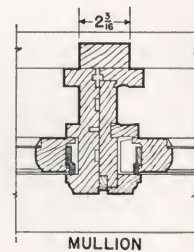
STOCK SIZES AND LAYOUTS

Glass sizes shown for Types 6I and 8I are for bottom sash only. See Types 66 and 88 for glass size in top sash.							
SASH OPENING	RGH. STUD OPENING	MASONRY OPENING	GLASS SIZE	GLASS SIZE	GLASS SIZE	GLASS SIZE	GLASS SIZE
2-0 x 3-2 3-10 4-2 4-6 5-2	2-3 1/2 x 3-5 1/2 4-1 1/2 4-5 1/2 4-9 1/2 5-5 1/2	2-4 x 3-6 3/4 4-2 3/4 4-6 3/4 4-10 3/4 5-6 3/4	20 1/2 x 8 10 11 12 14	6 5/8 x 8 10 11 12 14		20 1/2 x 16 1/4 20 1/4 22 1/4 24 1/4 28 1/4	
2-4 x 3-2 3-10 4-2 4-6 5-2	2-7 1/2 x 3-5 1/2 4-1 1/2 4-5 1/2 4-9 1/2 5-5 1/2	2-8 x 3-6 3/4 4-2 3/4 4-6 3/4 4-10 3/4 5-6 3/4	24 1/2 x 8 10 11 12 14	8 x 8 10 11 12 14		24 1/2 x 16 1/4 20 1/4 22 1/4 24 1/4 28 1/4	
2-8 x 3-2 3-10 4-2 4-6 5-2	2-11 1/2 x 3-5 1/2 4-1 1/2 4-5 1/2 4-9 1/2 5-5 1/2	3-0 x 3-6 3/4 4-2 3/4 4-6 3/4 4-10 3/4 5-6 3/4	28 1/2 x 8 10 11 12 14	9 5/16 x 8 10 11 12 14		28 1/2 x 16 1/4 20 1/4 22 1/4 24 1/4 28 1/4	
3-0 x 3-2 3-10 4-2 4-6 5-2	3-3 1/2 x 3-5 1/2 4-1 1/2 4-5 1/2 4-9 1/2 5-5 1/2	3-4 x 3-6 3/4 4-2 3/4 4-6 3/4 4-10 3/4 5-6 3/4	32 1/2 x 8 10 11 12 14		7 15/16 x 8 10 11 12 14	32 1/2 x 16 1/4 20 1/4 22 1/4 24 1/4 28 1/4	
3-4 x 3-2 3-10 4-2 4-6 5-2	3-7 1/2 x 3-5 1/2 4-1 1/2 4-5 1/2 4-9 1/2 5-5 1/2	3-8 x 3-6 3/4 4-2 3/4 4-6 3/4 4-10 3/4 5-6 3/4	36 1/2 x 8 10 11 12 14		8 15/16 x 8 10 11 12 14	36 1/2 x 16 1/4 20 1/4 22 1/4 24 1/4 28 1/4	

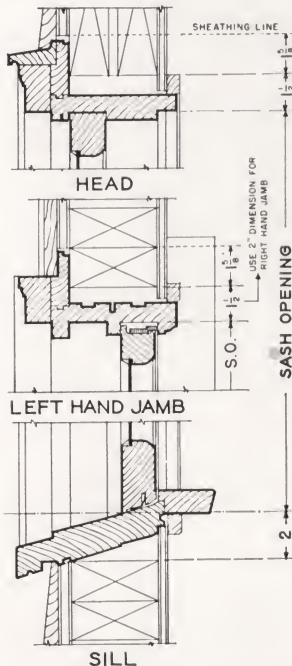
ROUGH STUD OPENING FOR MULTIPLE UNITS
—Add sash opening widths plus $2\frac{3}{16}$ inches for each mullion—then add $3\frac{1}{2}$ inches to this figure for overall rough opening width.

MASONRY OPENINGS FOR MULTIPLE UNITS
—Add sash opening widths plus $2\frac{3}{16}$ inches for each mullion—then add 4 inches to this figure for overall masonry opening width.

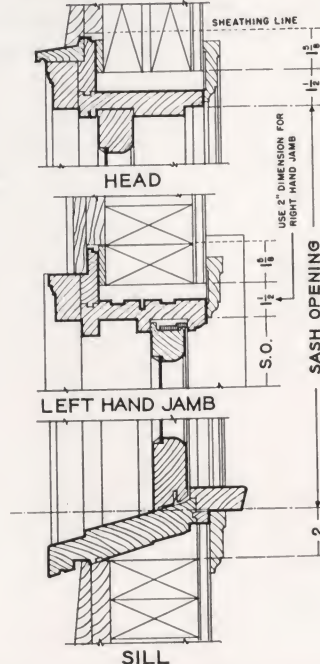
Standard left and right hand jams are furnished for mullion post. The deep sash run in right hand jamb is required for sash removal. Note the filler piece between moulded inside stops to form inside mullion casing. A regular mullion casing can be added if desired.



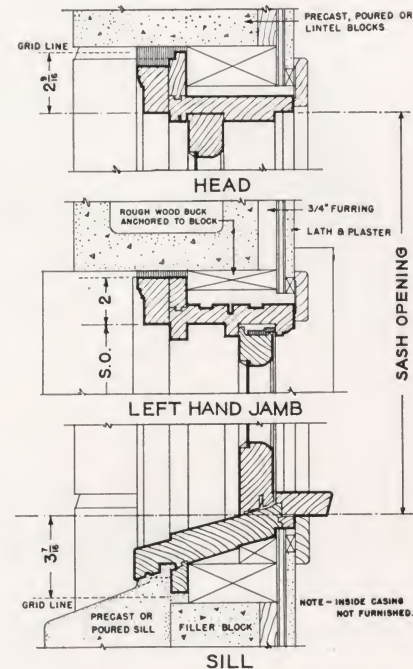
INSTALLATION DETAILS—SCALE 1 1/2" = 1'0"



P-11—Installation in dry wall construction with $\frac{1}{2}$ or $\frac{3}{8}$ inch sheetrock inside wall finish. Note position of windbreaks for $\frac{1}{2}$ inch sheathing. Also note simple back band type of inside casing, a big saving on this type of wall installation.

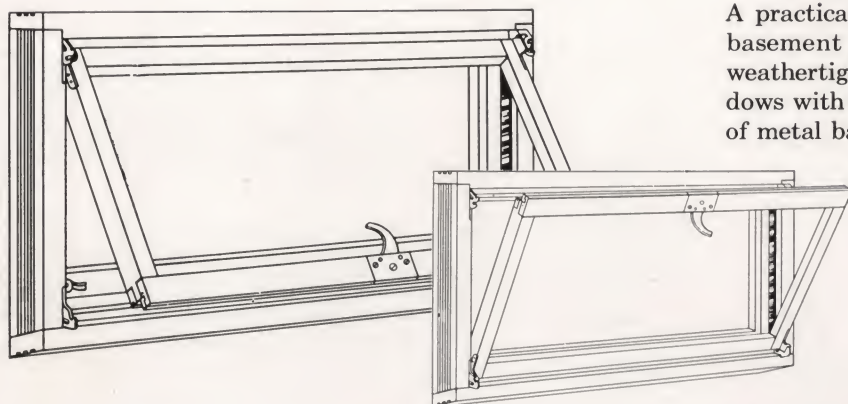


P-12—Installation in dry wall construction with $\frac{1}{2}$ inch sheetrock inside wall finish. Note position of windbreaks and the $\frac{1}{4}$ inch thick shim under windbreak to make correct jamb width for $\frac{1}{2}$ inch sheetrock. Conventional trim may be used with this type of installation.



P-40—Installation in block wall with lath and plaster inside finish on furring strips. Note use of wood bucks which Andersen recommends for installation in all types of masonry walls. Windbreaks are ripped down for this type of installation.

ANDERSEN BASEMENT-UTILITY WOOD WINDOW UNITS



FOR BASEMENTS — SUMMER CABINS — SERVICE BUILDINGS AND OTHER SIMILAR USES

A practical and widely used factory assembled wood basement window that successfully combines the weathertight and insulating advantages of wood windows with the large glass areas and quick installation of metal basement windows.

Also used as a general utility window in dormitories, service buildings, summer cabins, farm buildings, and other similar structures.

Comes as a complete, factory assembled unit with frame set-up, sash glazed and hung, screen fitted and installed and all hardware installed.

REVERSIBLE SASH

New dual purpose hinges permit swinging the sash from either top or bottom. Hinge members for both positions are attached and sash can be instantly reversed or removed without tools.

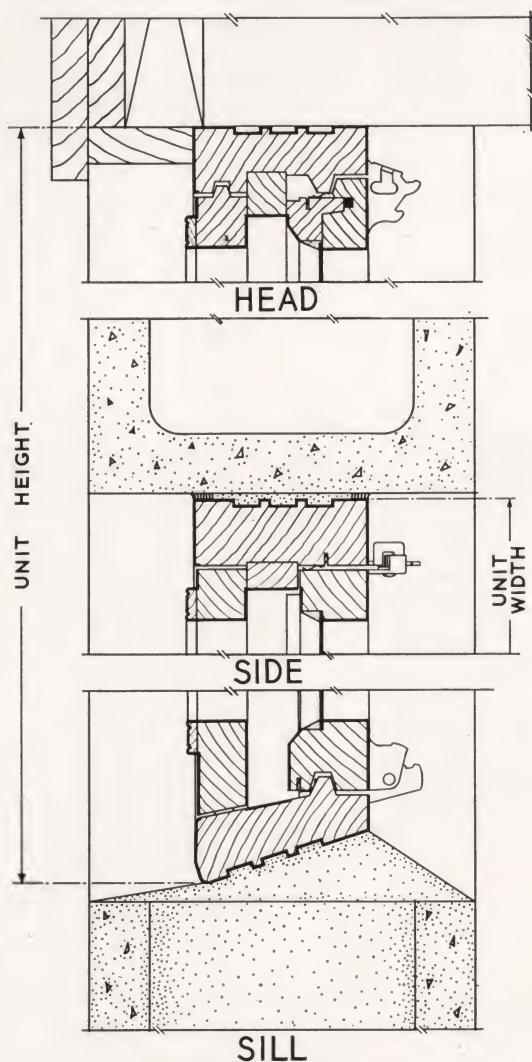
THE COMPLETE UNIT INCLUDES

FRAME • GLAZED SASH • WEATHERSTRIPPING
SCREEN • HARDWARE • CHEMICAL PRESERVATIVE
TREATING • STORM SASH (when specified).

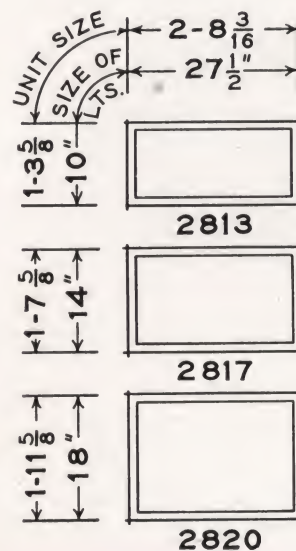
Detail at left shows standard unit installed in a typical 8" block basement wall. Sizes have been standardized to fit 8x8x16 block construction including sizes for masonry openings 2 blocks wide and 2, 2½ and 3 blocks high.

MODULAR SIZES

Modular sizes include one width and three heights, all glazed one light. These sizes meet practically all requirements for use in standard masonry block basement walls and in frame construction above ground.



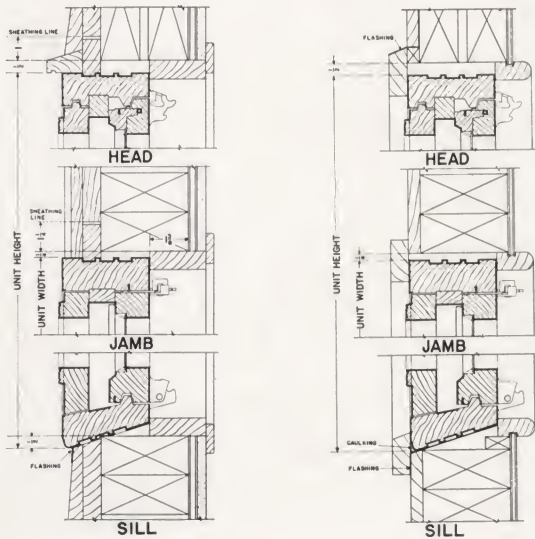
Scale—Three Inches Equals One Foot



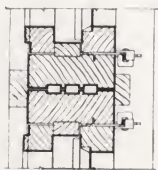
ANDERSEN BASEMENT-UTILITY WOOD WINDOW UNITS

ABOVE GROUND INSTALLATIONS USE SINGLY OR IN STACK AND RIBBON GROUPS

The Andersen Basement-Utility Window solves fenestration problems in a wide variety of buildings. It is a low cost window, is weathertight and has a reversible sash that provides direct or hopper type ventilation (no tools needed to change hinging position). Delivered to the job all set up, ready for speedy installation. Wood parts protected against decay and termites by toxic chemical preservative.

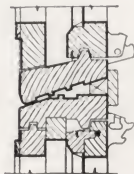


Above details show two suggested methods of installing Basement-Utility Units above ground. The detail at the left in regular frame wall shows unit installed with front edge of sill projecting beyond siding for a weathertight job. Detail at right is a simpler method suitable for installations where weathertightness is not so essential, such as vacation cabins, garages, milk houses and similar buildings. Supplementary parts needed to complete the installation as shown in the details, such as water drip, windbreaks, and casings are not furnished as a part of the Basement-Utility Unit.



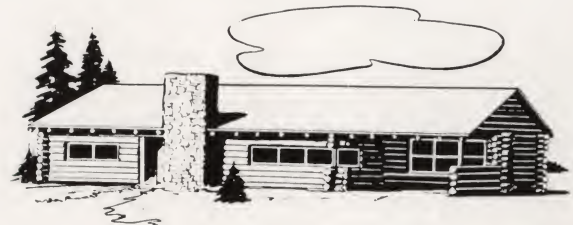
MULLION

Section at mullion showing arrangement of units for ribbon type installation.



TRANSOM

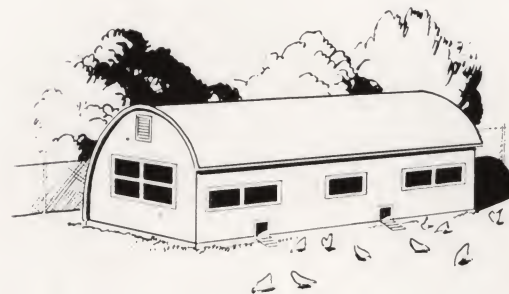
Section at transom showing arrangement of units for stack type installation. Front edge of head jamb should be beveled as shown to provide a tight joining of units.



**VACATION COTTAGES
AND CABINS**



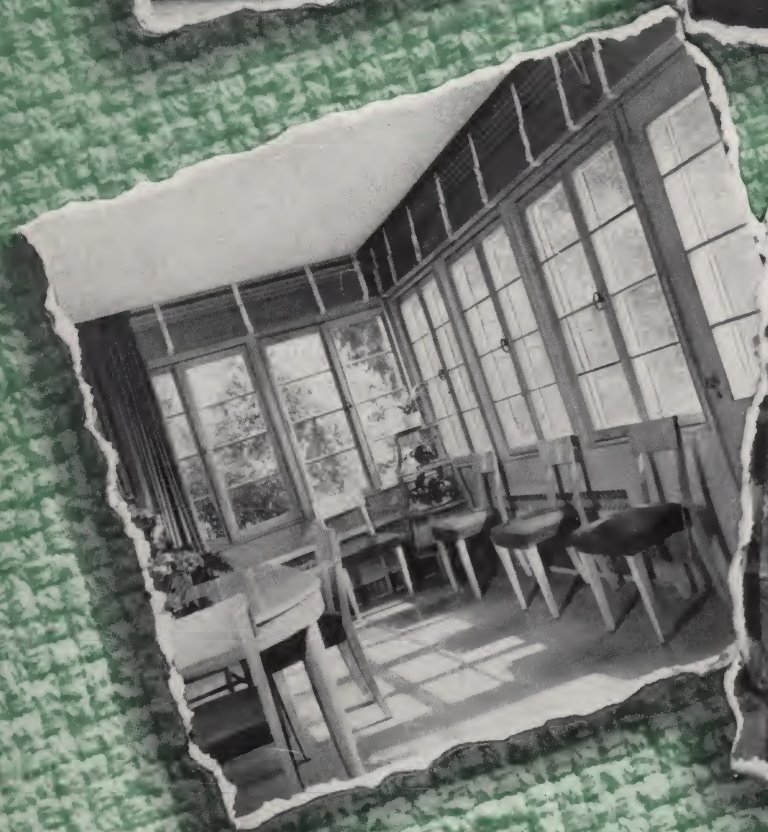
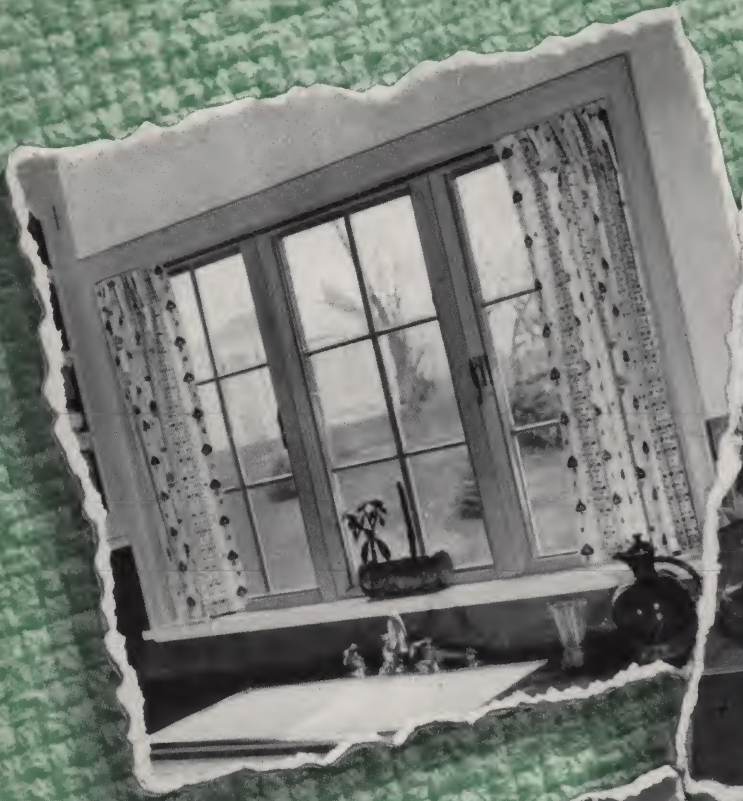
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